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08/386,912 02/08/95 MARTIN

H 1096.48022

EXAMINER

BURGESS, G

26M1/0509

ART UNIT

PAPER NUMBER

8

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2602

DATE MAILED:

05/09/96

This is a communication from the examiner in charge of your application.
COMMISSIONER OF PATENTS AND TRADEMARKS

☒ This application has been examined ☒ Responsive to communication filed on 10/27/95 ☐ This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), — days from the date of this letter.
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- ☐ Notice of References Cited by Examiner, PTO-892.
- ☐ Notice of Draftsman's Patent Drawing Review, PTO-948.
- ☒ Notice of Art Cited by Applicant, PTO-1449.
- ☐ Notice of Informal Patent Application, PTO-152.
- ☐ Information on How to Effect Drawing Changes, PTO-1474.
- ☐

Part II SUMMARY OF ACTION

1. ☒ Claims 1-31 are pending in the application.

Of the above, claims — are withdrawn from consideration.

2. ☐ Claims — have been cancelled.

3. ☐ Claims — are allowed.

4. ☒ Claims 1-31 are rejected.

5. ☐ Claims — are objected to.

6. ☐ Claims — are subject to restriction or election requirement.

7. ☒ This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.

8. ☐ Formal drawings are required in response to this Office action.

9. ☐ The corrected or substitute drawings have been received on —. Under 37 C.F.R. 1.84 these drawings are ☐ acceptable; ☐ not acceptable (see explanation or Notice of Draftsman's Patent Drawing Review, PTO-948).

10. ☐ The proposed additional or substitute sheet(s) of drawings, filed on —, has (have) been ☐ approved by the examiner; ☐ disapproved by the examiner (see explanation).

11. ☐ The proposed drawing correction, filed —, has been ☐ approved; ☐ disapproved (see explanation).

12. ☐ Acknowledgement is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received ☐ not been received ☐ been filed in parent application, serial no. —; filed on —.

13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

14. ☐ Other

EXAMINER'S ACTION

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Part III DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

2. Claims 1-31 are rejected under 35 U.S.C. § 102(e) as being anticipated by Zimmermann ('667).

Zimmermann discloses a signal processor for converting digital images for use in an imaging system (Fig. 1), having:

- digital data memory means (4) for storing digital data representing an image having the properties of a circular field-of-view and objects in the field being substantially in focus (see, col. 5, lines 13-17) ;
- a control input means (5) for receiving a signal representing a selection of a portion of the image; and
- a converter means (6 and 7), responsive to the control input, for converting stored digital data in the digital data memory representing the selected portion into digital data representing a planar image for

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display (see, col. 4, lines 13-16), as claimed in claims 1, 5, 11, 15, 21, 24.

B. In considering claims 2 and 12, see col. 5, line 20 to col. 7, line 55.

C. In considering claims 3, 7, 13 and 16 see col. 44-47.

D. In considering claims 4 and 14, see col. 5, lines 20-38.

E. In considering claims 6 and 17, see figure 1, means (1).

F. In considering claims 8, 9, 18 and 19, see col. 3, lines 39-43.

G. In considering claims 10, 20, 22, 23 see col. 3, lines 57-64.

H. In considering claims 25 and 27, see figure 1, means (4, 5, 6 and 7).

I. In considering claim 26, see col. 7, lines 15-54.

J. In considering claims 28 and 29, Zimmermann discloses:

- memory means (4) for storing digital data representing an input image having the properties of a circular field-of-view and objects in the field-of-view being substantially focus (see col. 5, lines 13-17);
- a control input means (5) for receiving a signal representing a selection of a portion of the input image; and

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- a digital converter (6 and 7), responsive to the control input, for converting stored digital data in the memory representing the selected portion of the input image into digital data representing a planar image, wherein the planar image is one of a panned, tilted, rotated and magnified version of the input image (see col. 3, lines 39-55), as claimed.

K. In considering claim 30, see figure 1, means (1).

L. In considering claim 31, see figure 1, means (10).

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Glen Burgess whose telephone number is (703) 305-4792. The examiner can normally be reached on Tuesday to Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Peng, can be reached on (703) 305-4702. The fax phone number for this Group is (703) 305-9509.

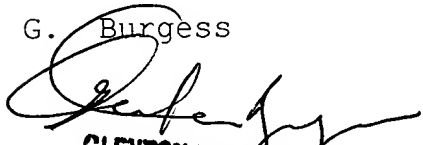
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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-4700.

G. Burgess



GLENTON B. BURGESS
PATENT EXAMINER
GROUP 2600